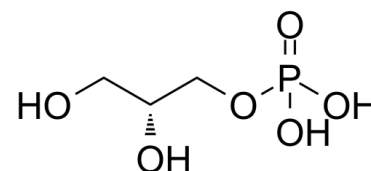


Data Sheet

Product Name:	Glycerol 3-phosphate
Cat. No.:	CS-0059649
CAS No.:	17989-41-2
Molecular Formula:	C ₃ H ₉ O ₆ P
Molecular Weight:	172.07
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : ≥ 50 mg/mL (290.58 mM)



BIOLOGICAL ACTIVITY:

Glycerol 3-phosphate is produced by cytosolic glycerol 3-phosphate dehydrogenase pathway through the reduction of dihydroxyacetone phosphate using NADH formed during glycolysis.

CAIndexNames:

1,2,3-Propanetriol, 1-(dihydrogen phosphate), (2R)-

SMILES:

O[C@H](CO)COP(=O)(O)O

Caution: Product has not been fully validated for medical applications. For research use only.

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